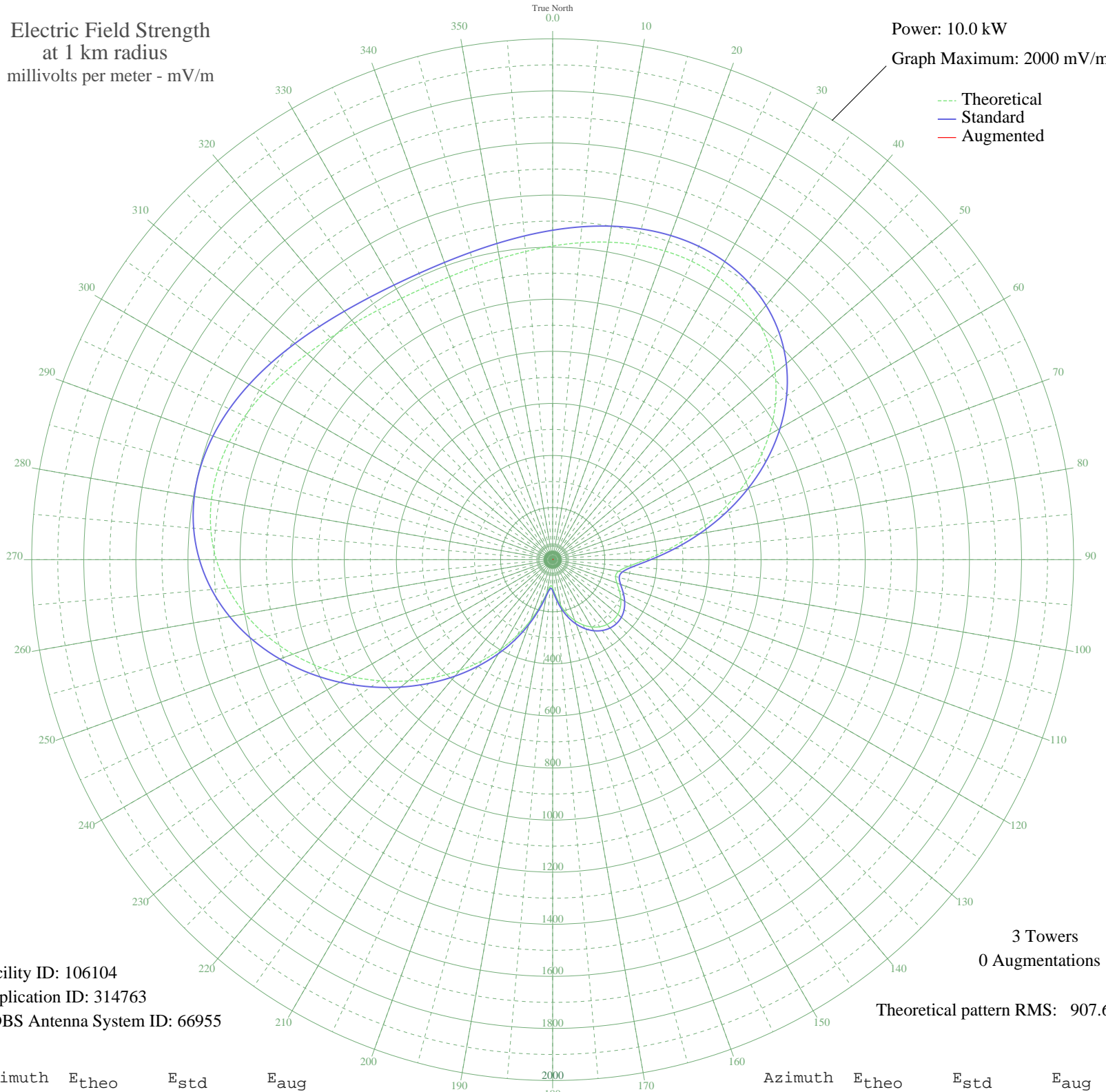


# CKYL PEACE RIVER, AB Canada -- 610 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106104  
Application ID: 314763  
CDBS Antenna System ID: 66955

3 Towers  
0 Augmentations

Theoretical pattern RMS: 907.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1204.34	1264.99	
5	1221.57	1283.08	
10	1237.96	1300.29	
15	1251.77	1314.78	
20	1261.10	1324.57	
25	1263.94	1327.55	
30	1258.25	1321.58	
35	1242.04	1304.56	
40	1213.55	1274.66	
45	1171.39	1230.41	
50	1114.81	1171.03	
55	1043.85	1096.54	
60	959.49	1008.01	
65	863.78	907.58	
70	759.82	798.50	
75	651.71	685.10	
80	544.46	572.64	
85	444.02	467.40	
90	357.45	376.79	
95	292.81	309.24	
100	257.01	271.89	
105	250.02	264.62	
110	262.48	277.60	
115	282.59	298.57	
120	302.24	319.08	
125	317.37	334.89	
130	326.37	344.30	
135	328.84	346.87	
140	324.86	342.71	
145	314.64	332.03	
150	298.38	315.05	
155	276.24	291.94	
160	248.43	262.95	
165	215.41	228.61	
170	178.33	190.16	
175	140.05	150.75	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	108.42	118.58	
185	101.07	111.20	
190	130.10	140.59	
195	183.35	195.36	
200	248.43	262.96	
205	319.96	337.59	
210	395.59	416.70	
215	474.26	499.07	
220	555.44	584.15	
225	638.83	671.60	
230	724.08	761.01	
235	810.46	851.63	
240	896.76	942.19	
245	981.16	1030.75	
250	1061.35	1114.91	
255	1134.75	1191.95	
260	1198.84	1259.22	
265	1251.47	1314.47	
270	1291.17	1356.13	
275	1317.30	1383.56	
280	1330.14	1397.04	
285	1330.83	1397.77	
290	1321.25	1387.71	
295	1303.72	1369.31	
300	1280.87	1345.32	
305	1255.30	1318.49	
310	1229.48	1291.38	
315	1205.50	1266.21	
320	1185.08	1244.77	
325	1169.41	1228.33	
330	1159.25	1217.66	
335	1154.87	1213.07	
340	1156.17	1214.43	
345	1162.65	1221.23	
350	1173.55	1232.68	
355	1187.86	1247.69	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission